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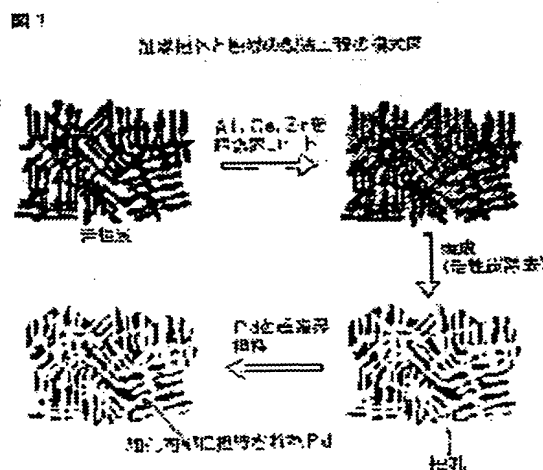
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## (54) CATALYST CARRIER AND CATALYST, AND METHOD FOR PRODUCING THEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a catalyst carrier of a complex oxide which is used in a catalyst for cleaning an exhaust gas discharged from a car engine, etc., can provide a large surface area for gas to be cleaned, and can have a composition selectable in a wide range.

**SOLUTION:** The catalyst carrier has a specific surface area of at least 200 m<sup>2</sup>/g and contains a complex oxide containing at least two metal elements, or has a peak of pore distribution at 1-10 nm and contains a compound oxide containing at least two metal elements. Preferably, the complex oxide contains aluminum, cerium and zirconium, or titanium and aluminum, or zirconium and calcium, or aluminum and magnesium. At least one catalyst component selected from the group consisting of platinum, gold, palladium, rhodium, ruthenium and iridium is carried on the catalyst carrier to constitute a catalyst.



## LEGAL STATUS

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